ABSTRACT OF THE DISCLOSURE

A real-time system designing apparatus helps easily forming a real-time system and shortening the development period of applications to be designed based on the real-

5   time system.

The apparatus has a user inter face for receiving data entered by a user and displaying extracted parameters, etc., for the user, a parameter extractor for extracting parameters representing the start and end states of each sub-scenario, a state memory for storing the extracted parameters, a connector-tester for connecting sub-scenarios together

10   and testing the consistency of the connected sub-scenarios, and a connection memory for storing sub-scenario connection data.